

# EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

## Course: *E172 HAZUS-MH for Flood*

**Dates:** July 11-14, 2011

### Course Description:

This course is designed to provide in-depth instruction on the use of HAZUS-MH for advanced applications related to Flood-loss modeling. The HAZUS-MH Flood Model is capable of assessing riverine and coastal flooding. It estimates potential damage to all classes of buildings, essential facilities, transportation lifelines, utility lifelines, vehicles, and agricultural crops.

### Course Goal:

The model addresses building debris generation and shelter requirements. Direct losses are estimated based on physical damage to structures, contents, and building interiors. The effects of flood warning are taken into account, as well as flow velocity effects. The Flood Information Tool (FIT) allows users to prepare local flood hazard and other pertinent data for use in the HAZUS-MH. Detailed lessons include: Riverine and Coastal Methodology, FIT, Damage Functions, "What-If" Analysis, and Advanced Spatial Queries.

### Course Length:

This course is 4 days in length. Travel days are Sunday and Friday.

### Continuing Education Units (CEUs):

The Emergency Management Institute (EMI) awards 2.9 CEUs for completion of this course.

### Prerequisites:

E/L313 Basic HAZUS-MH course should be completed prior to taking this course.

### Target Audience:

The course is intended for Federal Emergency Management Agency (FEMA), State Hazard Mitigation officials, local emergency managers, Geographical Interface System (GIS) specialists, State and local planners, and regional personnel responsible for flood mitigation and response activities.

### Location:

National Emergency Training Center (NETC)  
Emergency Management Institute (EMI)  
Emmitsburg, Maryland

### To Apply:

Complete a FEMA Form 119-25-1, General Admissions application with student signature and signature of supervisor or sponsoring agency official. Submit the application through the State emergency management training office who will fax it to the NETC Admissions Office at (301) 447-1658.

For further enrollment information, refer to the EMI web site at <http://training.fema.gov/apply>.

### EMI Point of Contact:

For course information, contact the EMI course manager, Phil Moore, at (301) 447-1248, 1-800-238-3358 (ext. 1248), or email [phillip.moore@dhs.gov](mailto:phillip.moore@dhs.gov)

# TRAINING OPPORTUNITY

